

ABSTRACT OF THE DISCLOSURE

A transformer. The transformer includes an iron core, a first bobbin, a second bobbin, a primary coil and a secondary coil. The first bobbin surrounds the iron core, and the second 5 bobbin surrounds the first bobbin. The secondary coil is wound on the second bobbin, and the primary coil comprises a first coil section and a second coil section wound on the first bobbin, wherein the coil winding density of the first coil section exceeds the second coil section.